User's Manual

BV9555

In-Dash Motorized Double-DIN DVD/MP3/CD AM/FM Receiver with 7" Widescreen Touch Screen TFT Monitor with USB and SD Memory Card Ports and Side Panel AUX Input

BV9555

In-Dash Motorized Double-DIN DVD/MP3/CD AM/FM Receiver with 7" Widescreen Touch Screen TFT Monitor with USB and SD Memory Card Ports and Side Panel AUX Input

01.2009

iPod is a trademark of Apple, Inc., registered in the U.S. and other countries.

tech support: www.bossaudio.com/support

BOSS® AUDIO SYSTEMS

BOSS Audio Systems • 3451 Lunar Court • Oxnard, CA 93030
www.bossaudio.com
800.999.1236

BOSS® AUDIO SYSTEMS

BV9555

In-Dash Motorized Double-DIN DVD/MP3/CD AM/FM Receiver With 7" Widescreen Touch Screen TFT Monitor

CONTENTS

Welcome 3
Warning 3
Note 4
Features 5
Basic Operation 6
Panel Arrangement 7
Basic Functions 8
Main Menu Touch Operation 10
OSD Setup 11
Adjust Mode 12
Remote Control Function 13
Loading 15
Disc Play Touch Operation 16
DVD Mode 17
RDS User Operation 19
Radio Operation 21
DVD Basic Operation 22
VCD Basic Operation 32
CD/MP3 Basic Operation 35
Music Surroundings Setting 37
EQ Setting 38
Audio Frequency/Tone 39
Other Play Mode 40
Trouble Shooting 41
Wiring Diagram 42
Specifications 43
Accessory 44

WELCOME

Thank you for choosing Boss Audio for your A/V product.
To properly use this product, please go through this instruction manual for installation and operation, put it in a safe place for future use!

WARNING

1. Please keep the disc slot clean, wipe it off when there is some dirt on it. You should wipe off any dirt on the disc before you place it into the unit. If the disc is dirty and you place it inside the unit, it will cause the unit to go into an error and will not play the disc. Please ask professional to clean the laser.

2. Playing the radio at higher volumes for a long period of time may cause hearing issues. You should play this unit at a moderate listen level.

3. This unit is set up by precision parts. If you open up this unit, you will void any and all of your warranty.

4. Please do not touch LCD display with any hard object so that you prevent it from getting scratched or damaged.

5. To avoid an accident caused by watching the LCD screen. This unit has a vehicle lock out wire so that you will not be allowed to watch a video while driving down the road.

6. This unit is meant for a 12V power and negative ground system from a vehicle.

NOTE:
We keep improving this product all the time. There may be some changes in it that are not in this manual.

INSTRUCTIONS

NOTE

- This unit can play the following disc

MODE	ICON	CONTENT	DISC SIZE
DVD		Sound, image	12cm
VCD		Sound, image	12cm
MP3	MP3	Sound only	12cm
CD		Sound only	12cm

Note: 1. This unit is compatible with MP4/DVD/VCD1.0/2.0/3.0 version, DVD, CD-R, CD-RW, MP3, WMA, JPEG.

2. When playing a DVD, VCD, MP3, CD disc the display will auto identify the disc and show corresponding word. When appears on the display, that means that there is no function, please choose another mode.

ACCESSORY

Accessory	Quantity
User Manual	1PC
Wire	1PC
USB Cable	1PC
Keys	2PCS
Install metal bar	1PC
Remote controller	1PC
Warranty card	1PC

FEATURES

DVD PLAYER

1. MPEG-4 Decoder Technology
2. Compatible with MP4 (AVI/5.X), DVD (DVD-R/DVD-RW), VCD, SVCD, CD-RW, WMA, MP3, JPG
3. Supporting Multiple Subtitles, Angles, Languages
4. Child lock function
5. 4-Channel Audio Output
6. Pause, Play, Up/Down, Stop, Zoom, PBC Function

RADIO

1. AM/FM Radio Tuner
2. 30 Radio Preset Stations (18FM, 12AM)

LCD DISPLAY

1. 7” - 16:9 TFT LCD Display
2. Touchscreen

BASIC OPERATION

1. SOURCE ON/OFF

Press SRC button on panel or SOURCE button on remote control quickly to power on.
Press SRC button on panel or SOURCE button on remote control longer to power off.

2. PLAYING SOURCE CHOOSE

Press SOURCE button on remote control, unit will switch sources in the following sequence: RADIO → DVD → AUX

3. MUTE CONTROL

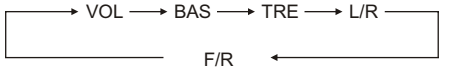
Press MUTE button on panel or MUTE button on remote control shortly to turn off sound output, press again to back to sound output.

4. VOLUME ADJUSTMENT

1) Press VOL+/VOL- button on panel, VOL+/VOL- button on remote control or touch button on display to adjust volume level.
2) The volume setting on this unit is 0 - 39.

BASS, TREBLE, BALANCE & FADER ADJUSTING (SELECT)

Press SEL button on remote control to choose your desired Bass, Treble, Balance & Fader level:



NOTE:

1) DVD playing mode, MBP & User will be automatically activated.
2) After 5 seconds you choose desired mode, do not adjust volume button. The mode will automatically take you back to status before adjustment.

5. RESET

1) If unit is not working correctly, you should press the RES button. This will reset the radio and should start working correctly afterwards.
2) After reset, all settings will resume back to the factory default settings.

SPECIFICATIONS:

Power supply	DC 12V
Power range	10.8-16.0V DC
Max operate current	10A
Dimensions	178X153X101MM
Ground system	Negative ground
Amp Rating	85 Watts x 4 Channels

FM tuner

European frequency range	87.5-108MHz
USA frequency range	87.5-107.9MHz
Signal/Noisse ratio	55dB
Stereo separation	30dB
Search station volt	20-30dBuv
Distortion rate	1.5%

AM tuner

European frequency range	522-1620KHz
USA frequency range	530-1710KHz
Limit noise sensitivity	32dB

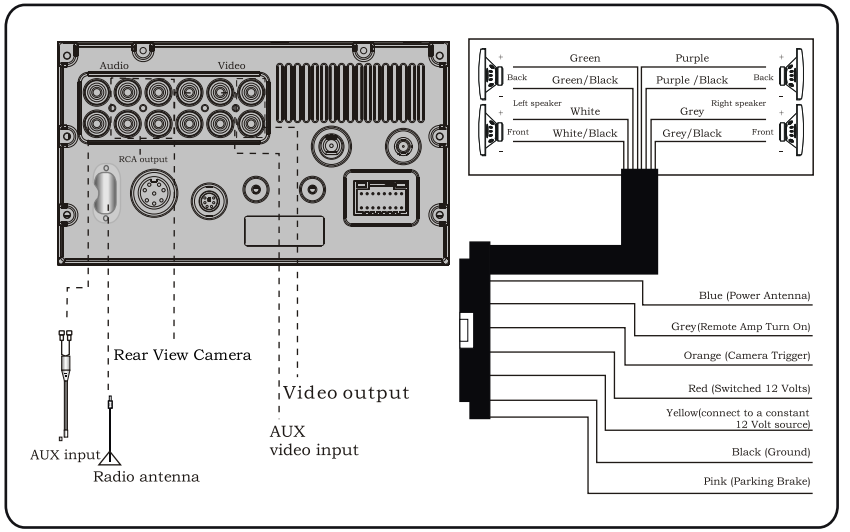
DVD PLAYER

Signal/Noise ratio	70dB
Frequency response	20Hz-20KHz

WIRING DIAGRAM

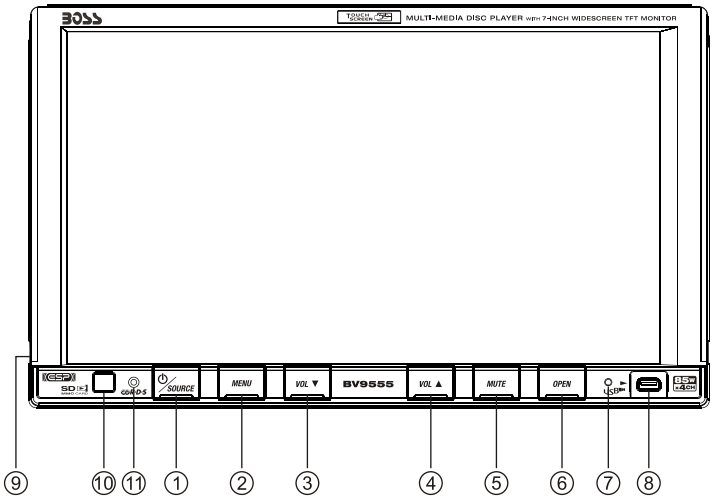
This player is equipped with ISO standard connector, please follow below instruction:

- Red - ACC ON (+12V)
- Yellow – 12 V Constant
- Black – Ground wire
- Blue - Power Antenna / Remote Amp Turn On
- Orange – Back-Up Camera Trigger (+)
- Grey/Grey black - Right front speaker (+/-)
- White/White black - Left front speaker (+-)
- Purple/Purple black - Right rear speaker (+/-)
- Green/Green - Left rear speaker (+/-)
- Pink – Parking Brake (-)



Note:
The "PARKING BRAKE" wire must be connected to the parking brake system of your car. When the parking brake is engages, the LCD will be allowed to view your video. If not, the screen will produce an image saying, "PARKING BRAKE". This is a safety feature designed for the driver not to watch a video while driving. The video output on this unit will not be affected by this.

PANEL ARRANGEMENT



1. SOURCE Button
2. MENU Button
3. VOL - Button
4. VOL + Button
5. MUTE Button
6. OPEN Button
7. RESET Button
8. USB Slot
9. AUX IN
10. Remote Control Receiver

BASIC FUNCTION

1. SRC Button
Short press this button to power on . Long press this button to power off .

2. MENU Button
Press this button to back to the main menu.

3. VOL - Button
Press this button to reduce the volume.

4. VOL + Button
Press this button to increase the volume.

5. MUTE / TFT on/off Button
Press this button to shut off the sound output, re-press this button can resume the sound output, long press this button can turn off the TFT LCD display.

6. OPEN Button
Press this button can eject the disc.

7. RESET Button
Press this button and this unit will be restored to the initial state.

8. USB Slot
Connect the USB memory to this socket, and the unit can play music format files supported by this unit in the USB memory.

9. AUX IN
External connected audio input.

10. Remote control receiver
It is able of receiving infrared signals launched by the remote control matching the nuit.

TROUBLE SHOOTING

PROBLEM	CAUSE	SOLUTION
Can not power on	Check whether power fuse blew or not	Change fuse same as the old one
	Some factor cause MPU wrong operation	Press RESET button on the panel by pen point, then, power on
After ignition switch off, setting information all lose	Wrong connection between ignition line ACC and Constant 12 Volt wire	Change the wiring around
Remote control no function	No enough power supply from battery	Change battery in remote control
Poor performance of radio station	Improper length of antenna, poor connection of antenna grounding	Check whether antenna is connected or not, or poor connection
Can not load disc	The disc will not go in all the way	Remove the 2 screws on top of the radio
Can not play disc	Disc is scratched	Change new disc
	Put wrong side of disc into unit	Slot in the disc with sign side up
	Lens has dirty	Clean lens by lens clean disc
Can not switch language/subtitle	There is only one language/ subtitle in disc	If disc is not with multi-language/subtitle, it cannot switch language/subtitle
No image	Video line between unit and TV is not properly connected	Reconnect lines

OTHER PLAY MODE

AUX IN:

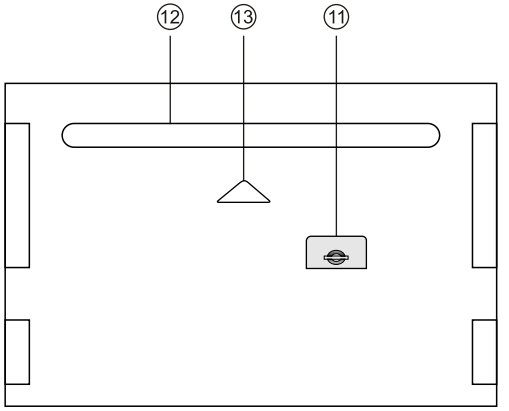
AUX IN OPERATION

1) Press “Source” button on remote control or touch “AUX” on the touch screen, to switch to AUX mode.
2) This will allow you to listen and or watch any source that you have plugged into this section of the radio.
3) This unit has 1 - Video RCA input & 1 pair of Audio RCA’s for this feature.

CCD (Back-Up Camera)

1) If there is a back-up camera installed onto your car, you will need to connect it to the CCD video input.
2) When you are backing up the car there you will see this image on your screen.
3) You can set CCD image according to your car's own position in general setting mode.

BASE

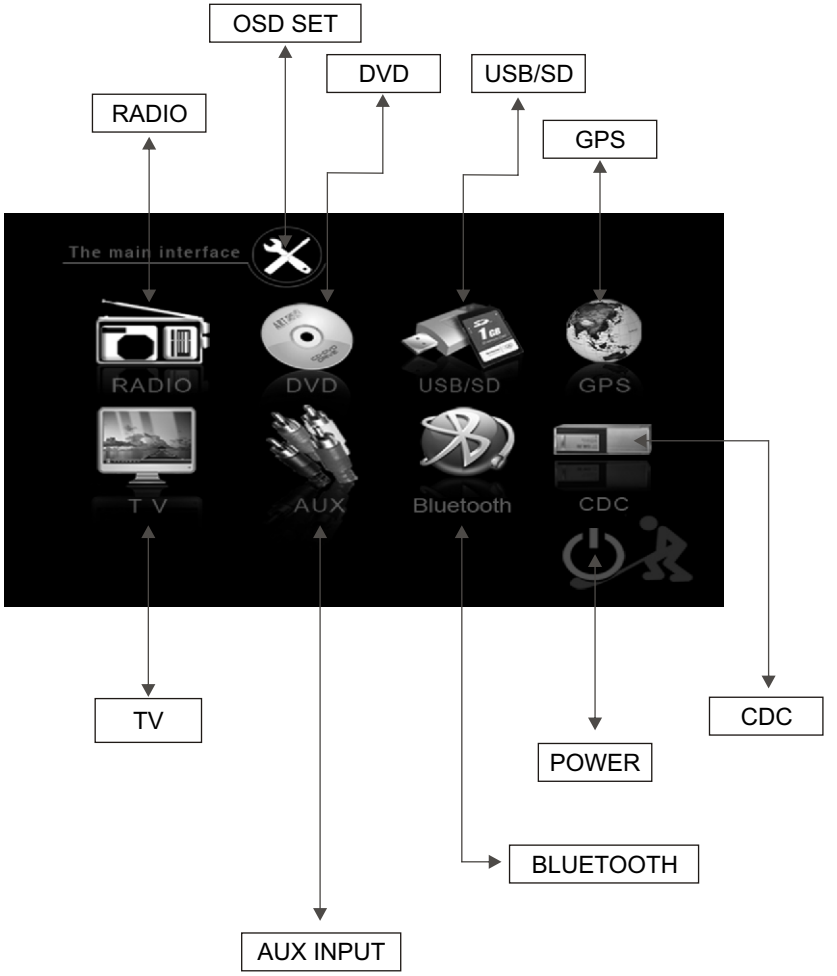


11. SD Slot

12. Disc Slot

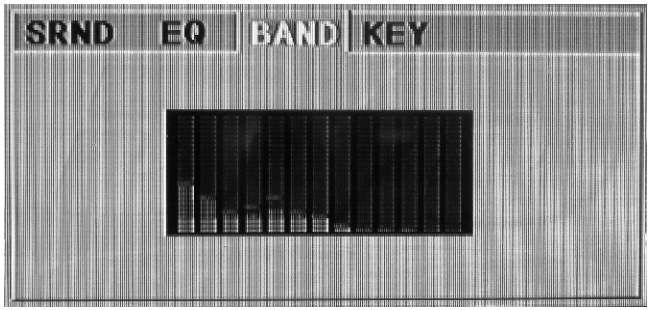
13. Slot indicator light

MAIN MENU TOUCH OPERATION (PIC 1)



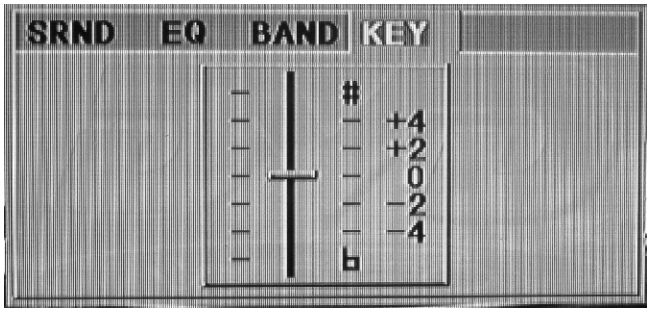
*** This unit without CDC/TV/GPS/BLUETOOTH function.**

AUDIO FREQUENCY



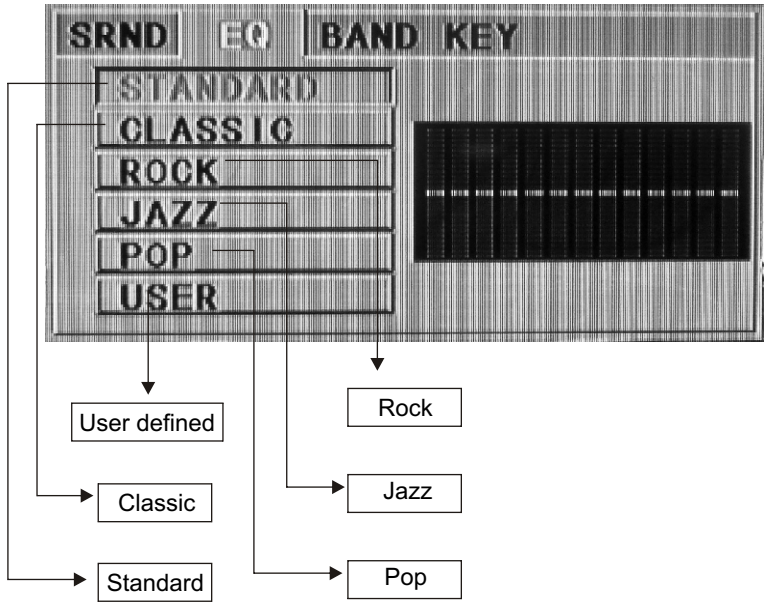
This function shows that the effect of standard audio output.

TONE

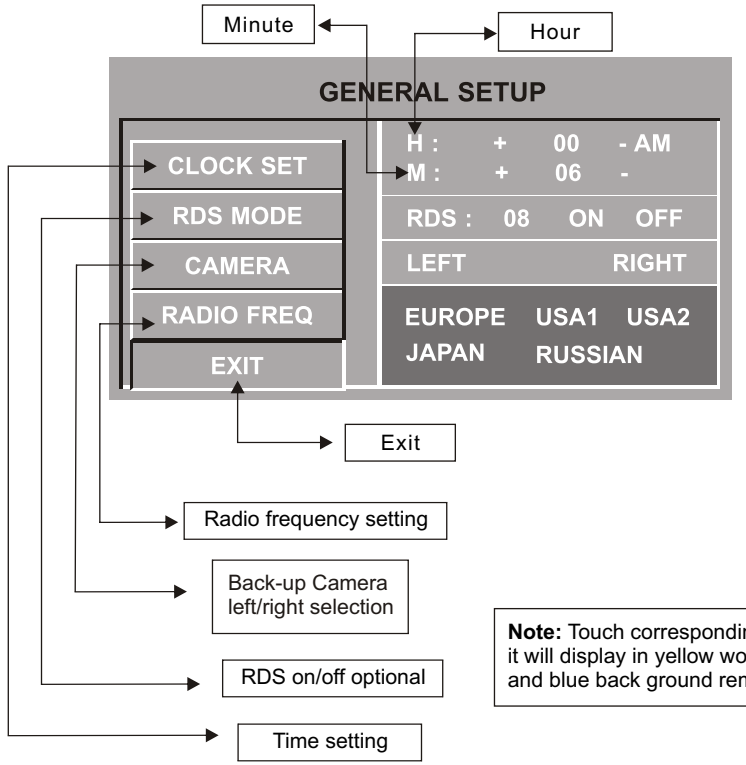


Note: You can change the timbre of the sound in DVD mode. We suggest keep it in the original place.

EQ SETTING



OSD SETUP (PIC 2)



Note: Touch corresponding function, it will display in yellow words reminding, and blue back ground reminding.

Note: There are 3 buttons automatically changed according to your setting change in radio state when you activate or exit RDS; Changes are as following:

PTY ⟷ LOUD; TA ⟷ EQ; AF ⟷ ST

TIME DISPLAY AND ADJUST

Time display: Touch main menu into adjust mode, press time setup button, the corresponding function will be display in yellow words.

(1)Press “+” on hour to add hour, press “-” to reduce hour;

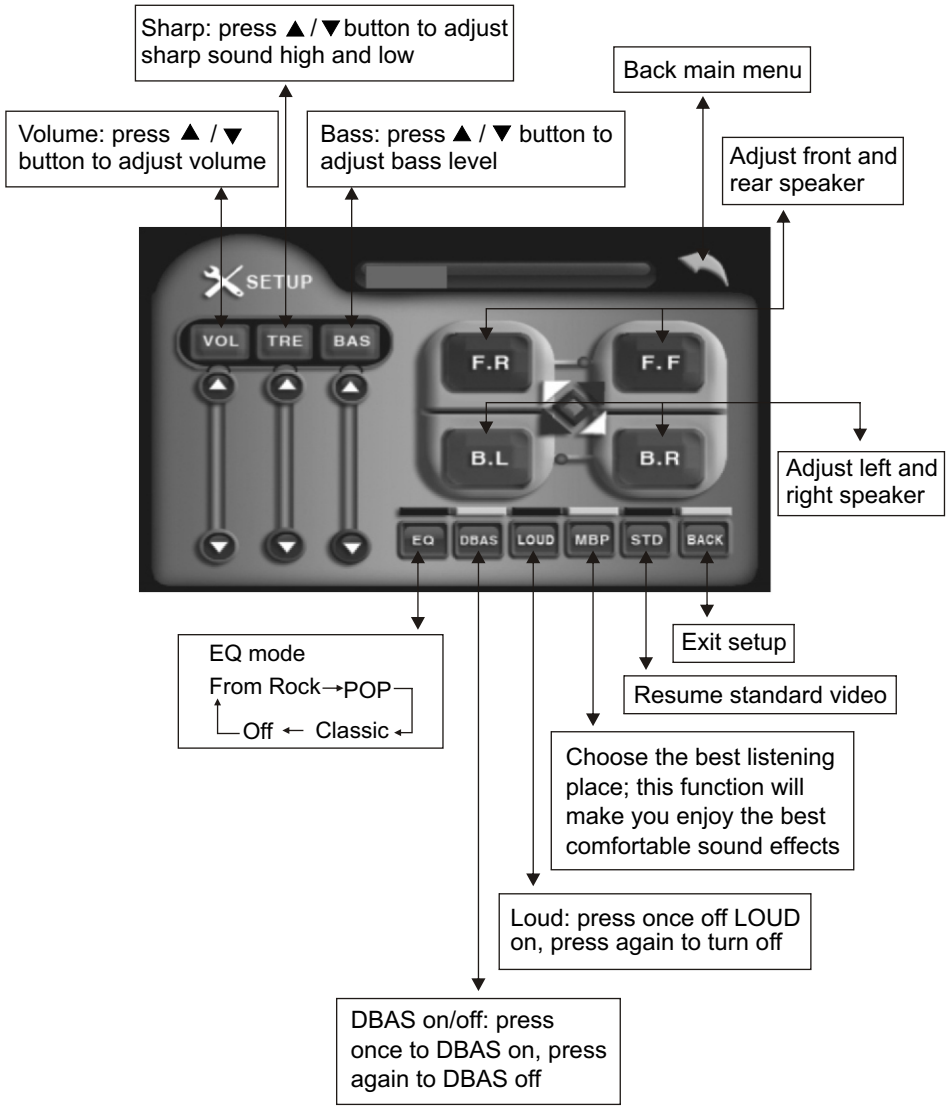
(2)Press “+” on minute to add minute, press “-” to reduce minute.

NOTE: Touch the correspondence function, will be display in green background.

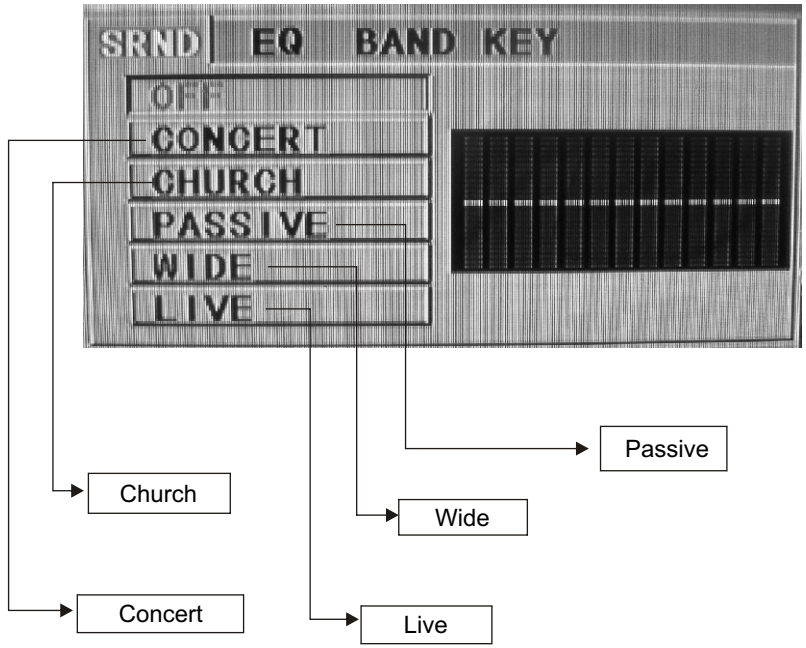
The unit include two times system: Europe time (24 hour setup), America time (12 hour setup), when show the AM mark it indicate morning time, when appear the PM mark, it show the time of afternoon.

Remark: This unit is with RDS function, it will automatically adjust the time when you activate RDS function or have received RDS radio channels. At no received RDS radio channels or AM state, you should adjust the time.

ADJUST MODE (PIC 3)



MUSIC SURROUNDINGS SETTING (PIC 7)



Note: This function only is used with the remote control in CD/MP3/USB/SD mode. Once you have one of these settings on. You will no longer have Bass & Treble adjustments until this feature is set to off.

10. CD Program Play
In CD mode, you can set the sequence of playing by the program function, the operation is as follows:
When CD is playing, press ST/PROG button, then the display shows:

PROG			
TC	TC	TC	TC
1 _ _ : _ _	5 _ _ : _ _	9 _ _ : _ _	13 _ _ : _ _
2 _ _ : _ _	6 _ _ : _ _	10 _ _ : _ _	14 _ _ : _ _
3 _ _ : _ _	7 _ _ : _ _	11 _ _ : _ _	15 _ _ : _ _
4 _ _ : _ _	8 _ _ : _ _	12 _ _ : _ _	16 _ _ : _ _
	PLAY	DELETE	

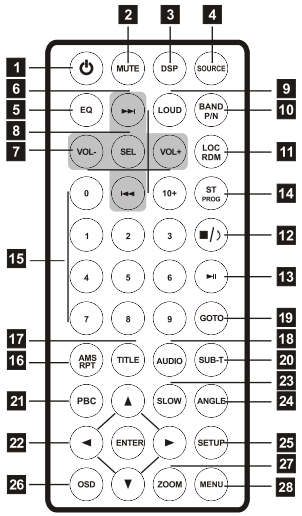
Input the number of the song you want to program by the remote control, program the first song, input your desired song, for example, the sixth song, and press number button 6 on the remote control. Program the second song, press ▼ button move the cursor to 2[_ _]. Input your desired song, for example, the ninth song, press number button 9 on the remote control. Press ▶II button to program play.
Back to the normal mode, press the ST/PROG button, then press ▶II button.
Note: This function can only be worked by the remote control.

11. MP3 Program Play
In MP3 mode, you can set the sequence of playing by the program function, the operation is as follows:
When MP3 is playing, press ST/PROG button, then the display shows:

PROG			
TC	TC	TC	TC
1 _ _ : _ _	5 _ _ : _ _	9 _ _ : _ _	13 _ _ : _ _
2 _ _ : _ _	6 _ _ : _ _	10 _ _ : _ _	14 _ _ : _ _
3 _ _ : _ _	7 _ _ : _ _	11 _ _ : _ _	15 _ _ : _ _
4 _ _ : _ _	8 _ _ : _ _	12 _ _ : _ _	16 _ _ : _ _
	PLAY	DELETE	

Then, input desired song by remote control.
For example: Program the first song, input 01, press ► button move the cursor to the second lattice, input desired song, for example the third song. Program the second song, press ► button, work with ▼ button, move the cursor to 2[_ _] . Input 01, press ► button move the cursor to the second lattice, input desired song, for example, the sixth song (press 6). Press ▶II button to program play.
Back to the normal mode, press the ST/PROG button and then press ▶II button.
Note: This function can only be worked by the remote control.

REMOTE CONTROL FUNCTION



1	POWER ON/OFF	15	0-10+
2	MUTE	16	AMS/RPT
3	TIME DISPLAY	17	TITLE
4	SOURCE	18	AUDIO
5	EQ	19	SET PLAYING TIME
6	SEEK+/SEEK-	20	SUBTITLE
7	VOL+/VOL-	21	PBC/MENU
8	SEL	22	UP/DOWN/L/R ENTER
9	LOUD	23	SLOW
10	BAND/ P/N	24	ANGLE
11	LOC / RDM	25	SET UP
12	STOP	26	OSD
13	PLAY/PAUSE	27	ZOOM
14	ST/PROG	28	MENU

1. POWER
Press once to switch on, press again to switch off.

2. MUTE Button
Press once to turn off audio output, press again to resume volume level.

3. DSP
Press this button to show the time.

4. SOURCE Button
Press this button to choose audio sources.

5. EQ Button
Press this button to choose POP, ROCK, EQ off.

6. SEEK + (▶▶I) / SEEK - (I◀◀) Button
Press this button to manual turning, speed or quick back, previous song and next song.

7. VOL + (→) / VOL - (←)
Press this button to increase or decrease volume level.

8. SEL Button
Press this button to choose sound feature.

9. LOUD Button
Press this button to startup LOUD function.

10. BAND - P/N Button
In radio mode, press this button to choose band. In VCD, DVD mode, press this button to choose AUTO, PAL or NTSC system.

11. LOC/RDM Button
In radio mode, press this button to switch between local and direction. In VCD, CD mode, press this key to randomly play.

12. STOP Button
Press this button to stop playing.

13. PLAY/PAUSE Button
Press this button to switch between play and pause. In stop mode, press this button to play.

14. ST/ PROG Button
In radio mode, press this button to choose stereo or mono station. In audio mode, it can help STOP button to programmed play.

15. 0 - 10 + Button
Press this button to choose desired song, section, preset stations.
* Decimal numbers, for example the 19th song, press 1,9 button;
* Centesimal numbers, for example, the 120th song, press 1,2,0 button.

16. AMS / RPT Button
In radio mode, press this button to browse stored stations. In audio mode, press this button to play repeatedly.

17. TITLE Button
In DVD mode, press this button to play back to the top menu of disc.

18. AUDIO Button
In DVD mode, press this button to switch language of dialogue. In VCD mode, press this button to choose left track, right track, and stereo.

19. SET Playing Time
In DVD mode, press this button, you can define playing time.

20. SUBTITLE Button
In DVD mode, press this button to switch language of subtitle.

21. PBC Button
In VCD mode, press this button to display all song menus, work with number button to choose songs.

22. UP, DOWN, LEFT, RIGHT, ENTER Button
In DVD mode, press this button to move cursor up, down, left, right to choose item in menu. Press the enter button to confirm choice.

23. SLOW Button
In audio mode, press this button to slow backward and slow forward.

24. ANGLE Button
In DVD mode, press this button to change play angle.

25. SETUP Button
In audio mode, press this button to choose different set items.

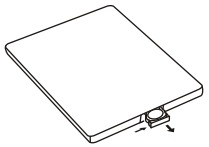
26. OSD Display
Press this button to display the title chapter and the left time.

27. ZOOM Button
In DVD/VCD mode, press this button to ZOOM in. In CD/MP3/USB/SD mode, press this button to choose EQ.

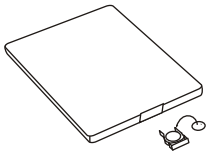
28. MENU Button
Press button to back to the main menu.

BATTERY CHANGE
When control distance of remote control becomes shorter or no function, please change battery. Please confirm polarity before change.

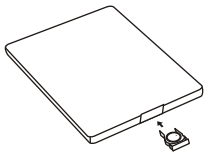
One hand press stopper, then pull out battery.



Put battery into controller.



Insert battery holder into controller.



CD/MP3 BASIC OPERATION (Look at Picture #4)

Slide in CD/MP3 disc, unit will play it automatically. If disc is in slot, press DVD touch button on main menu can to play.

1. Repeat Play
In CD/MP3 mode, press AMS/RPT button on remote control, to startup following, repeat
CD disc: Single song repeat→ Repeat play off.
MP3 disc: Single song repeat→Directory repeat→ Repeat play off.

2. Fast Forward/Fast Rewind
Press SEEK + / SEEK - button on remote control, or ▶▶ / ◀◀ touch button on display to speed forward or backward playing.
Note: Hold above button a bit longer to operate.

3. Previous/Next Song Play
In playing mode, press SEEK + / SEEK - on remote control, or ⏭ / ⏮ touch button on display to choose previous/next song.

4. Pause Play
In play mode, press ⏯ button on remote control, or ⏯ button on display to pause. Press again to go back to normal play.

5. Stop Play
In play mode:
1) Press ■/› button on remote control to enter the pause mode, the position will be stored in unit. At that time, press ⏯ button on remote control or touch button on display to resume playing at the stored position.
2) Press ■/› button on remote control twice to enter into stop mode, here, press ⏯ button on remote control or touch button on display, unit will play from the first song.

6. OSD
In playing mode, short press OSD on remote control to show all information of present disc.

7. Randomly Play
In CD mode, press LOC/RDM button on remote control, to instantly play each song. Press again to back to the normal play.

8. EQ Mode
1) This function can only be worked by remote control.
2) When playing CD/MP3, press the “ZOOM” button on the remote control, you can choose the sound mode.
3) When enter this function, press the button ▲/▼/◄/►to move the course to select sound mode which in the system menu, after your selection position will show red color to indicate the confirmation.

9. OPEN
Press OPEN button on panel to eject disc.

15. PBC (MENU) Play

In VCD mode, press this button then play the PBC and display will show whole menu in disc, work with number button to choose song. When you are playing either song of the PBC, and you want to stop to select another song, press the button to turn off.

Note:

1) This function can be worked by the control.
2) PBC is suitable for the SVCD and VCD 2.0 disc.
3) In PBC mode, you can not press number button only to choose song.

16. VCD Program Playing

In VCD mode, you can set playing sequence of songs by program play function.

The program playing operation steps are as follows:

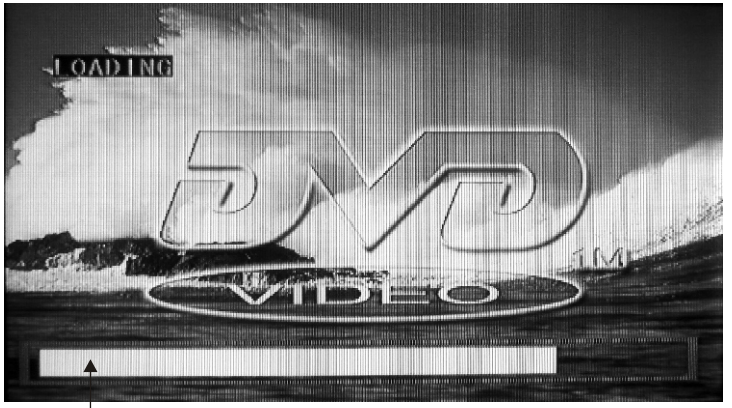
In VCD mode, press ST/PTOG button, display will show:

PROG			
TC	TC	TC	TC
1 _ _ : _ _	5 _ _ : _ _	9 _ _ : _ _	13 _ _ : _ _
2 _ _ : _ _	6 _ _ : _ _	10 _ _ : _ _	14 _ _ : _ _
3 _ _ : _ _	7 _ _ : _ _	11 _ _ : _ _	15 _ _ : _ _
4 _ _ : _ _	8 _ _ : _ _	12 _ _ : _ _	16 _ _ : _ _
	PLAY	DELETE	

Input the songs which you want to programmed by the number buttons on remote control. Fr example: Program the first song, input your desires song, for example, the fourth song, and press number button 4 on the remote control. Program the second song, press ▼ button move the cursor to 2_ _ _ _ . Input your desired song, for example, the eighth song, press number button 8 on the remote control. Press ⏯ button to program play. Back to the normal mode, press the ST/PROG button, then press ⏯ button.

Note: This function can only be worked by the remote control.

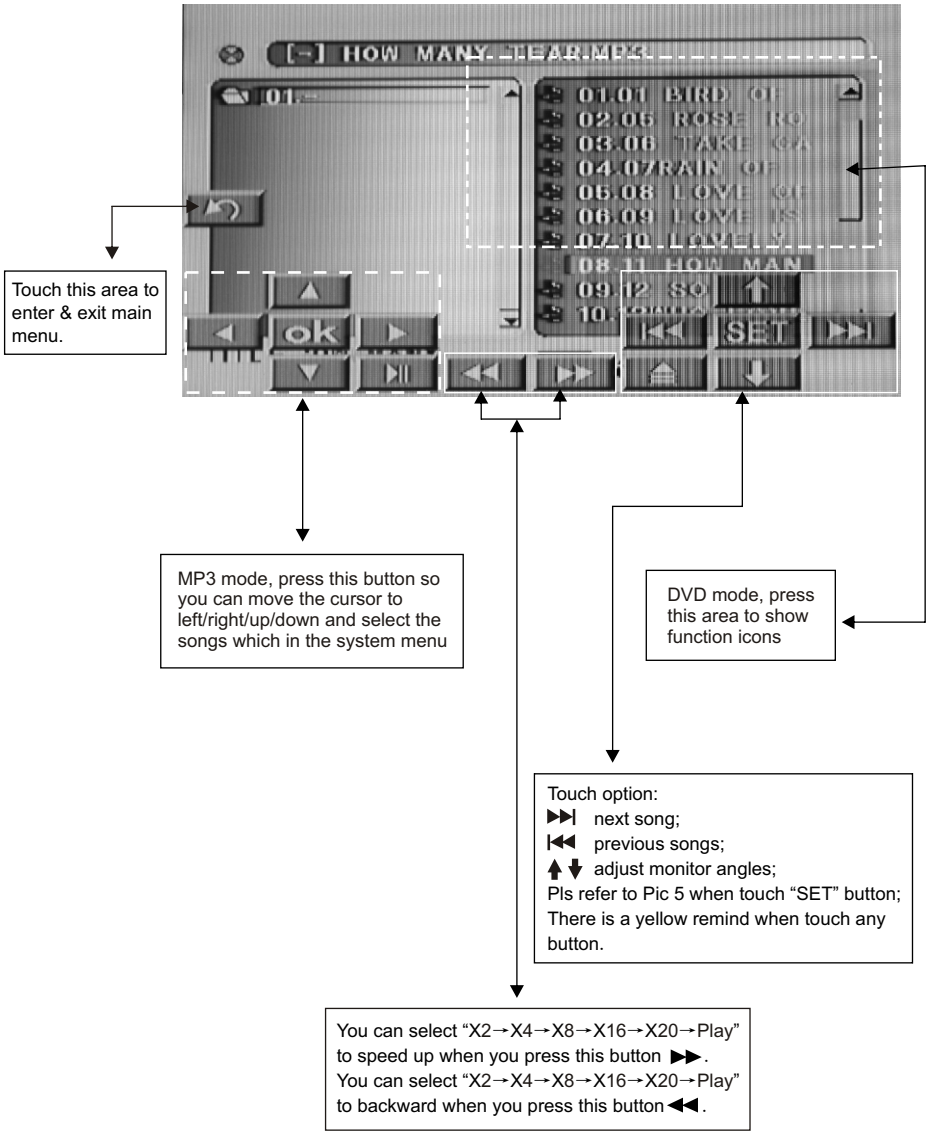
LOADING



This white bar shows the rate of process of loading a disc.

Note: When loading a disc, touch screen function can not be used.

DISC PLAY TOUCH OPERATION (PIC 4)


Touch this area to enter & exit main menu.
MP3 mode, press this button so you can move the cursor to left/right/up/down and select the songs which in the system menu
DVD mode, press this area to show function icons
Touch option:
next song;
previous songs;
adjust monitor angles;
Pls refer to Pic 5 when touch "SET" button;
There is a yellow remind when touch any button.
You can select "X2→X4→X8→X16→X20→Play" to speed up when you press this button ▶▶.
You can select "X2→X4→X8→X16→X20→Play" to backward when you press this button ◀◀.

8. OSD
In playing mode, short press OSD on remote control to show all information of present disc.

9. Number Buttons
In VCD mode, press 0-9 number button to input song. For example, you want to choose 13th song, press 10+ button, and then press 3 button once to play 13th song.
Note: This function can only be worked by the remote control.

10. Repeat Play
In playing mode, press AMS/RPT button on remote control, to startup following, repeat function. Single song repeat→ Repeat play off.
Note:
1) When playing VCD disc, if PBC is on, no repeat function.
2) After unit is power off or mode is switched to other playing mode except VCD mode. if you switch back to VCD mode, repeat playing will be cancelled.

11. Randomly Play
In VCD mode, press LOC/RDM button on remote control, to instantly play each song. Press again to back to the normal play.
Note: When VCD disc, if PBC is on, RDM will not work.

12. Scan Play
In playing mode, it will play each song for 15 seconds to scan for your desired song.
1) Press 3/INT touch button on display to scan and play from the first song.
2) When you hear your desired song, press this button to cancel scan playing. It will go back to normal playing.

13. Switch Track
In VCD mode, press AUDIO button on remote control to switch track as following sequence:

Left → Right → Stereo

14. OPEN
Press OPEN button on panel to eject disc.

VCD BASIC OPERATION (Look at picture #4)

Slide in the VCD disc, it will play it automatically. If the disc is in slot, press DVD touch button on main menu can to play.

1. Pause Play
In playing mode, press ⏯ button on remote control, or ⏯ on display to pause.
Press again to back to normal play.

2. Stop Play
In playing mode, 1) Press ■/⏻ button on remote control to enter the pause mode, the position will be stored in unit. At that time, press ⏯ button on remote control or touch button on display to resume playing at the stored position.
2) Press ■/⏻ button on remote control twice to enter into stop mode, here, press ⏯ button on remote control or touch button on display, unit will play from the first song.

3. Fast Forward/Rewind Function
In playing mode, press SEEK + button on remote control, or ▶▶ touch button on display to speed play.
When you need quick back, press SEEK - button on remote control, or ◀◀ touch button on display to quick back play.
Note: Hold above button a bit longer to operate.

4. Previous/Next Song Play
In playing mode, press SEEK + / SEEK - on remote control, or ⏭ / ⏮ touch button on display to choose previous/next song.

5. Switch System
In playing mode, short press the BAND/P/N button on remote control, to select PAL, AUTO, NTSC TV system.
Note: This function can only be worked by the remote control.

6. Slow Play
Press SLOW button on remote control to slow play. The level of slow playing is as follows.
Sequence is : SLOW 1/2 → SLOW 1/3 → SLOW 1/4 → SLOW 1/5 → SLOW 1/6 → SLOW 1/7 → PLAY

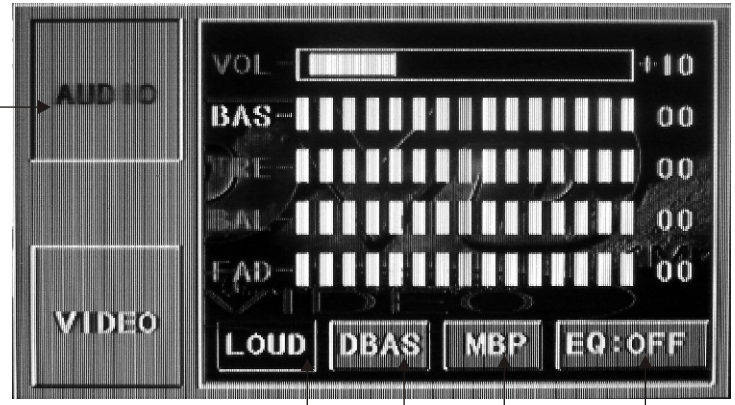
Note: This function can only be worked by the remote control.

7. Zoom In / Zoom Out
Press ZOOM button on remote control to zoom in / zoom out the picture. The levels are as follows:
ZOOM IN 2 → ZOOM IN 3 → ZOOM IN 4 → ZOOM IN 1/2 → ZOOM IN 1/3 → ZOOM IN 1/4 → ZOOM IN OFF

Note:
1. This function can only be worked by the remote control.
2. Image which is zoomed in can be moved by up/down/left/right cursor to move.
3. Image which is zoomed out cannot be moved.

DVD MODE (PIC 5)

AUDIO SETTING ON TOUCH SCREEN



Audio selection:
VOL → BAS → TRE → BAL → FAD
When using this function, the position bar will be highlighted.

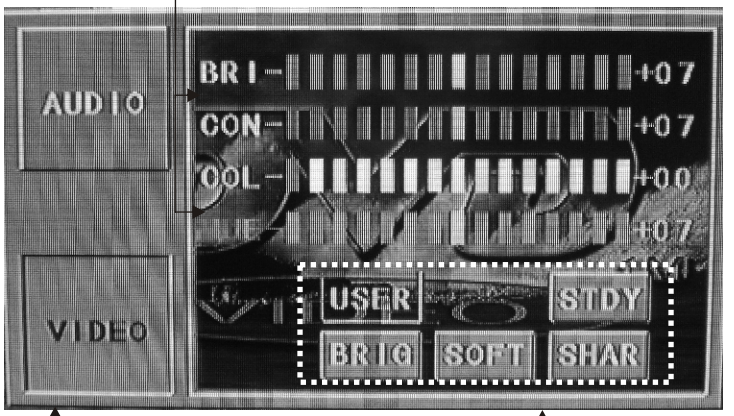
EQ mode: Touch the button to change settings:
ROCK → POP → CLASSIC → OFF

Change the listening position

Bass choosing: when touched the button will be yellow, touch this button to exit, touch it again to resume.

Loud choosing: this function is defined open, when it is touched at the first time, the loud function will be closed, at the same time, yellow light disappear.

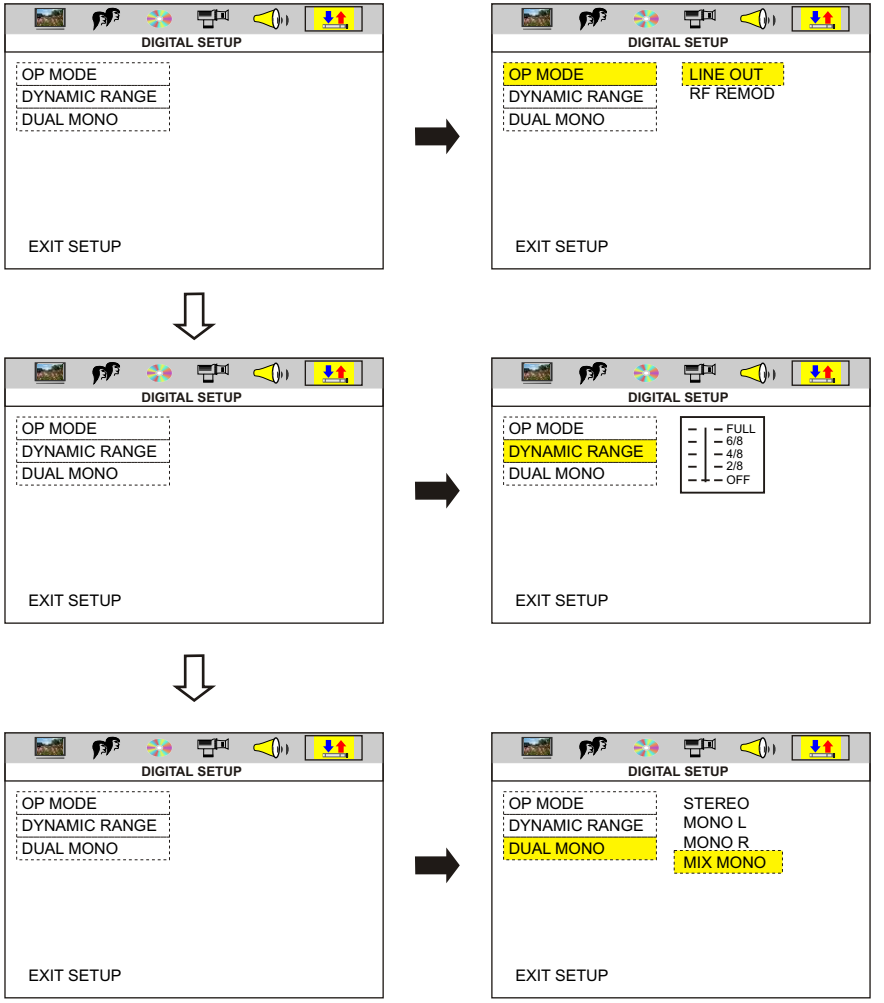
VIDEO SETTING ON TOUCH SCREEN

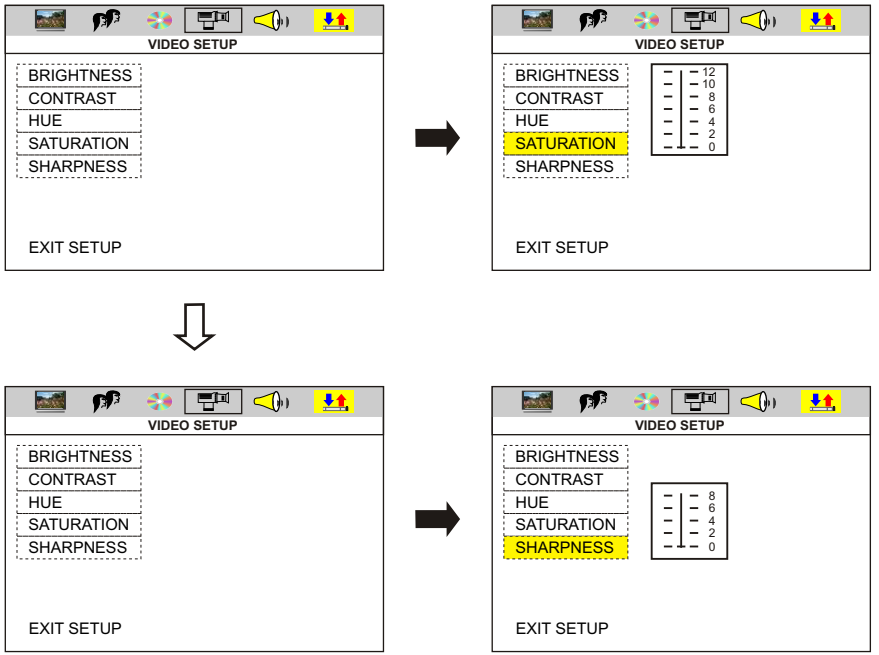

You can choose: Brightness, Contrast, Color, Hue, adjust the image effect according to your sight. The blue bar will show your level.
AUDIO
VIDEO
BRI
CON
COL
HUE
+07
+07
+00
+07
USER
STDY
BRIG
SOFT
SHAR
Video mode: When using this function, the position will be darker on the screen.
Image mode: You can choose the area in the broken line on the panel, standard, defined, soft, according what you need to choose, the blue back light will disappear.

DIGITAL SETUP

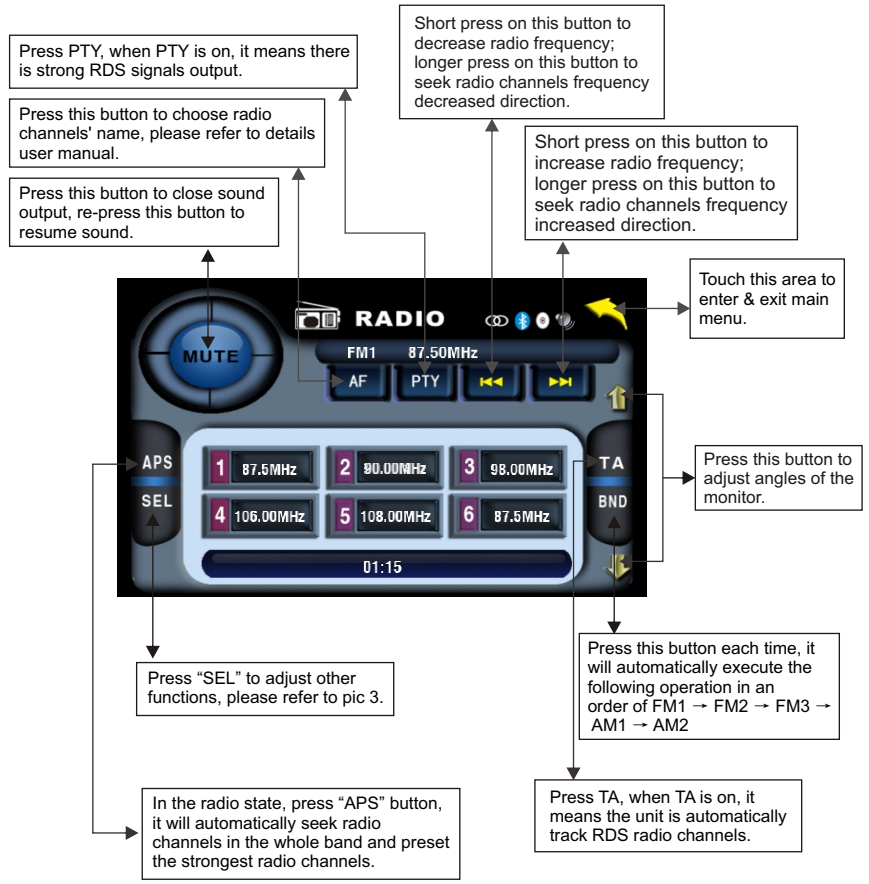
1. Press ▲ or ▼ button

2. Press ▲ /▼/◀ /▶ button, then to enter.





RDS USER OPERATION (PIC 6)


Press PTY, when PTY is on, it means there is strong RDS signals output.
Short press on this button to decrease radio frequency; longer press on this button to seek radio channels frequency decreased direction.
Press this button to choose radio channels' name, please refer to details user manual.
Short press on this button to increase radio frequency; longer press on this button to seek radio channels frequency increased direction.
Press this button to close sound output, re-press this button to resume sound.
Touch this area to enter & exit main menu.
RADIO
MUTE
FM1 87.50MHz
AF
PTY
APS
SEL
1 87.5MHz
2 90.00MHz
3 98.00MHz
4 106.00MHz
5 108.00MHz
6 87.5MHz
TA
BND
01:15
Press this button to adjust angles of the monitor.
Press "SEL" to adjust other functions, please refer to pic 3.
Press this button each time, it will automatically execute the following operation in an order of FM1 → FM2 → FM3 → AM1 → AM2
In the radio state, press "APS" button, it will automatically seek radio channels in the whole band and preset the strongest radio channels.
Press TA, when TA is on, it means the unit is automatically track RDS radio channels.

For details of RDS operation, please refer to other instruction

RDS

1. EON (RDS Mark)

Indicate main unit is on auto tracking RDS mode.

2. AF (RDS Auto Tracking Mark)

Indicate radio is auto tracking RDS channel.

3. TA (RDS Signal Increasing Output)

Indicate RDS channel have signal increasing output.

4. TP (RDS Channel Stereo Mark)

Indicate RDS channel is on stereo playing mode.

5. POP.M (RDS Channel Mark)

Indicate RDS channel name.

1. RDS Tracking System

Press AF button in FM mode, and then press ⏮ /⏭ last 2 minutes, RDS will auto search channel up and down, it will stop searching when RDS channel be founded, but “AF” will keep remaining on the screen and waits for the next traffic emergency report.

2. RDS Tracking on Playing Mode

In playing mode, “AF” tracking system keeps on opening and waits for traffic emergency report.

1) PTY: RDS button, press once will show music mode POP, press 1-6 function memory button, every group have 2 channel.

POP M	ROCK M	EASY M
LIGHT M	CLASSICS M	OTHER M
JAZZ	COUNTRY	NATION

2) Press PTY button twice and then press 1-6 function memory button, every button have 3 channel.

NEWS	AFFAIRS	INFORMATION	SPORT
EDUCATION	DRAMA	CULTURE	SCIENCE
CHILDREN	SOCIETT	RELIGION	PHONING
TRAVEL			

Note: RDS channel in broken line is available.

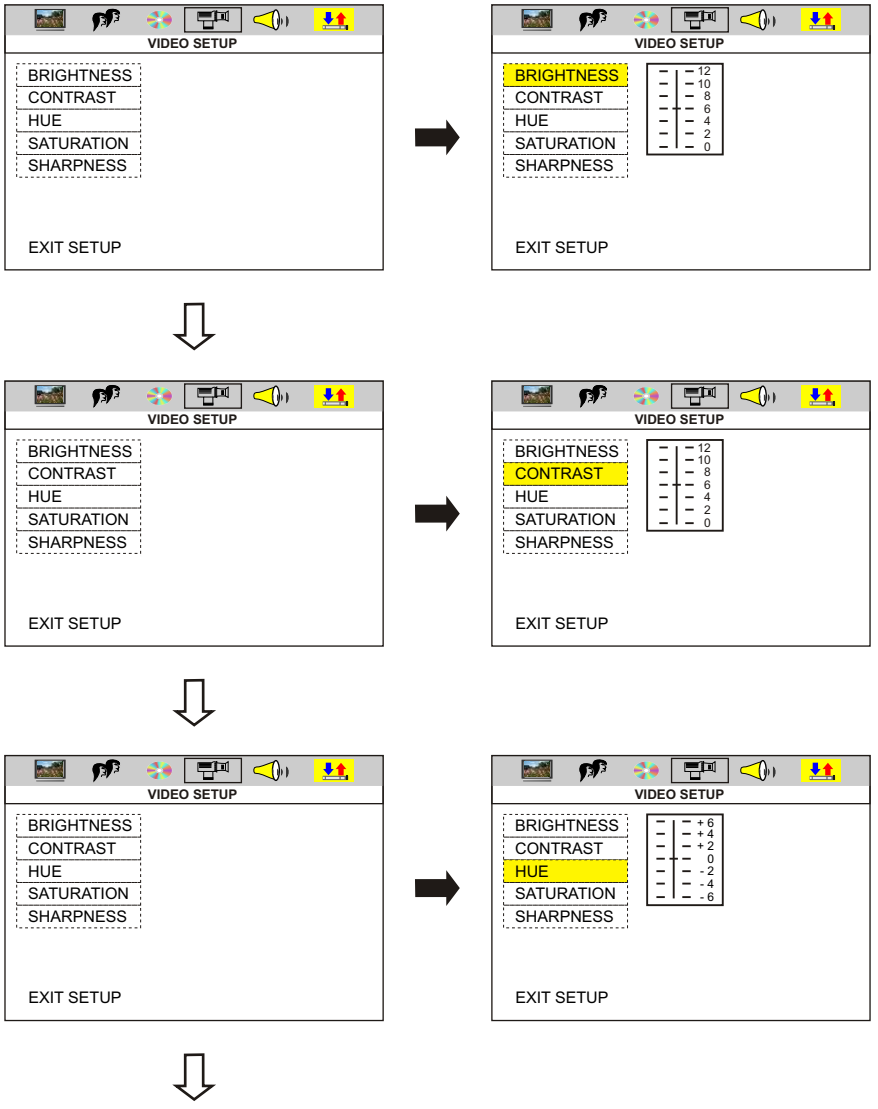
AF: RDS auto search button, in radio mode also can press this button shortly auto tracking RDS channel, press this button shortly can cancel RDS function.

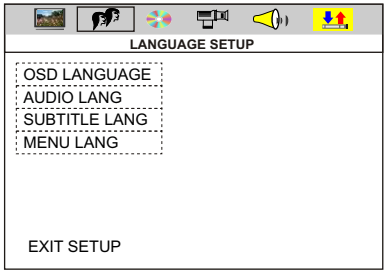
TA: In RDS mode, press this button can output TA signal, and check RDS channel is exist or not, if no RDS signal TFT will show “NO.TA.TP”.

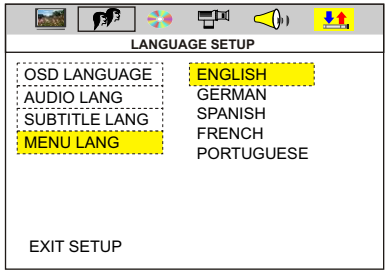
VIDEO SETUP

1. Press ▲ or ▼ button

2. Press ▲ /▼/◀ /▶ button, then to enter.



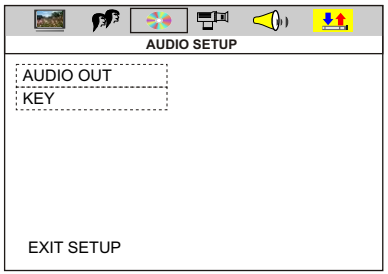


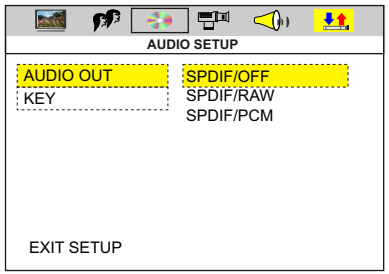


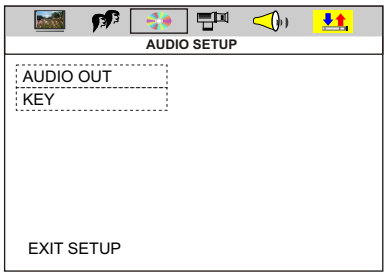
AUDIO SETUP

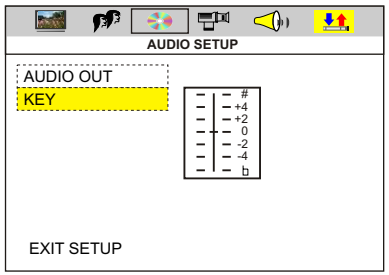
1. Press ▲ or ▼ button

2. Press ▲ / ▼ / ◀ / ▶ button, then to enter.









RADIO OPERATION (Please look at picture #6)

1. Band Selection

In radio mode, press BAND button, BAND/P/N button on remote control, or touch position on screen every time to choose band, the sequence is as follows:

FM1 → FM2 → FM3
↑ AM2 ← AM1 ←

2. Adjust Frequency

Manually Adjust Frequency:

Press SEEK + button on remote control, or ⏭ touch button on display shortly every time, frequency will increase one step by one step till you get desired frequency. Press SEEK - button on remote control, or ⏮ touch button on display shortly every time, frequency will ecrease on step by step till you get desired frequency.

Search Station:

Press SEEK + / SEEK - button on remote control, or ⏭ / ⏮ touch button on display shortly every time to search station in up/down direction. When get one station, it will auto stop searching.

3. Browse / Auto Search and Store Station

1) In radio mode, press AMS/RPT button on remote control, or APS button on display shortly to browse preset station on 1-6;

2) In radio mode, press AMS/RPT button on remote control, or APS button on display longer to auto search in whole band from present frequency and store 6 most strong frequency on 1-6;

3) This unit has FM1, FM2, FM3, AM1, AM2 Bands. Each band can store 6 stations, so a total 30 preset stations.

Note: After preset station, unit will cancel the former preset stations.

4. Mono/Stereo Selection

In radio mode, press ST/PTOG button on remote control or ST touch position on display to choose mono/stereo program.

Note: In radio mode, start up the stereo function automatic, touch the ST button again on the display, the TFT display will show the ST OFF & MOMO mark, that is to turn off the stereo. When the right under foot appear the MONO mark, it show the MONO on.

5. Manual Preset and Store Station

In radio mode, press 1-6 button on remote control, or 1-6 position on display longer to store preset frequency into preset channel. For example, the present frequency is 89.8MHz, press 2 button longer, then 89.8MHz frequency is stored in 2 channel.

DVD BASIC OPERATION (Please link with touch operation at pic 4)

Slide in DVD disc, unit will play it automatically. If disc is in slot, press DVD touch button on main menu to play disc.

1. Pause Play
In playing mode, press ⏯ button on remote control, or ⏯ on the display to pause. Press again to go back to normal play.

2. Stop Play
In playing mode, 1) Press ■/☽ button on remote control to enter the pause mode, the position will be stored in unit. At that time, press ⏯ button on remote control or touch button on display to resume playing at the stored position.
2) Press ■/☽ button on remote control twice to enter into stop mode, here, press ⏯ button on remote control or touch button on display, unit will play from the first song.

3. Fast Forward/Fast Backward Play
In playing mode, press SEEK + button on remote control, or ▶▶ touch button on display to speed play.
When you need quick back, press SEEK - button on remote control, or ◀◀ touch button on display to quick back play.
Note: Hold above button a bit longer to operate.

4. Previous/Next Song Play
In playing mode, press SEEK + / SEEK - on remote control, or ⏭/⏮ touch button on display to choose previous/next song.

5. Switch System
In playing mode, short press the BAND/P/N button on remote control, to select PAL, AUTO, NTSC TV system.
Note: This function can only be worked by the remote control.

6. Slow Play
Press SLOW button on remote control to slow play. The level of slow playing is as follows.
Sequence is :

SLOW 1/2 → SLOW 1/3 → SLOW 1/4 → SLOW 1/5
↑ PLAY ← SLOW 1/7 ← SLOW 1/6 ←

Note: This function can only be worked by the remote control.

7. Zoom In/Zoom Out
Press ZOOM button on remote control to zoom in / zoom out the picture. The levels are as follows:

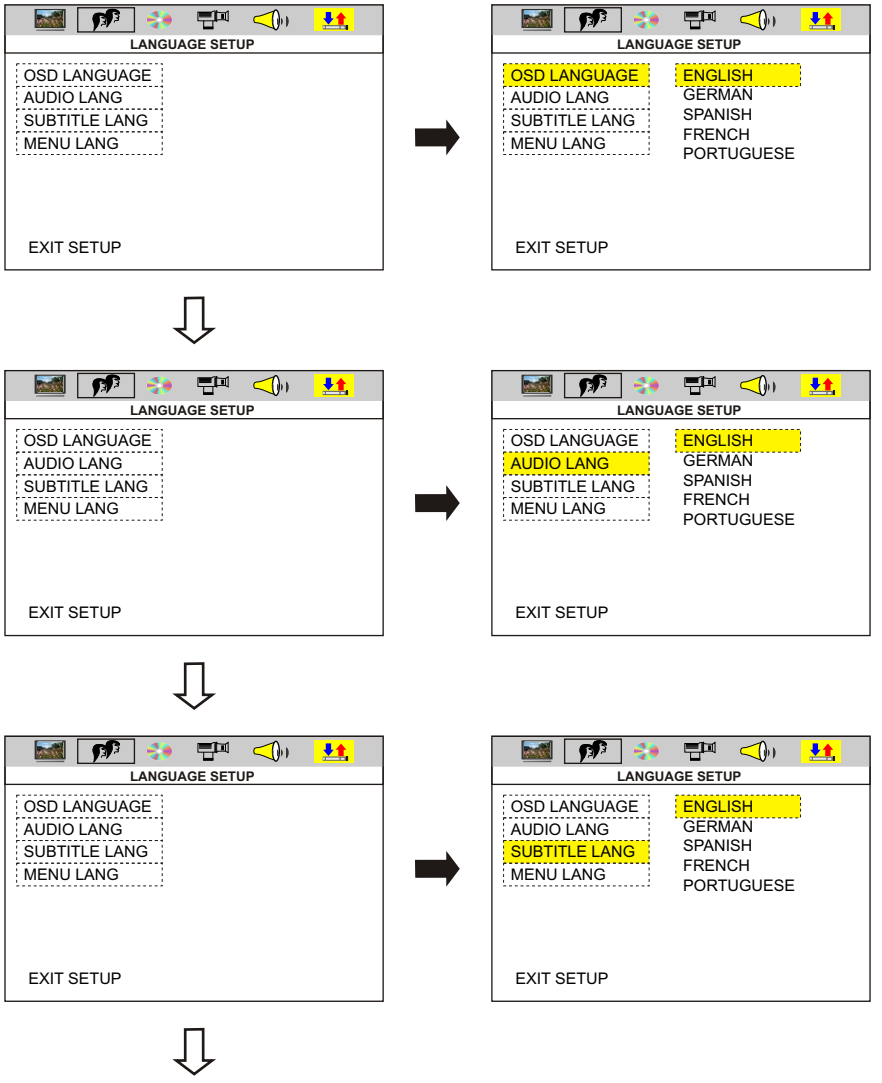
ZOOM IN 2 → ZOOM IN 3 → ZOOM IN 4 → ZOOM IN 1/2
↑ ZOOM IN OFF ← ZOOM IN 1/4 ← ZOOM IN 1/3 ←

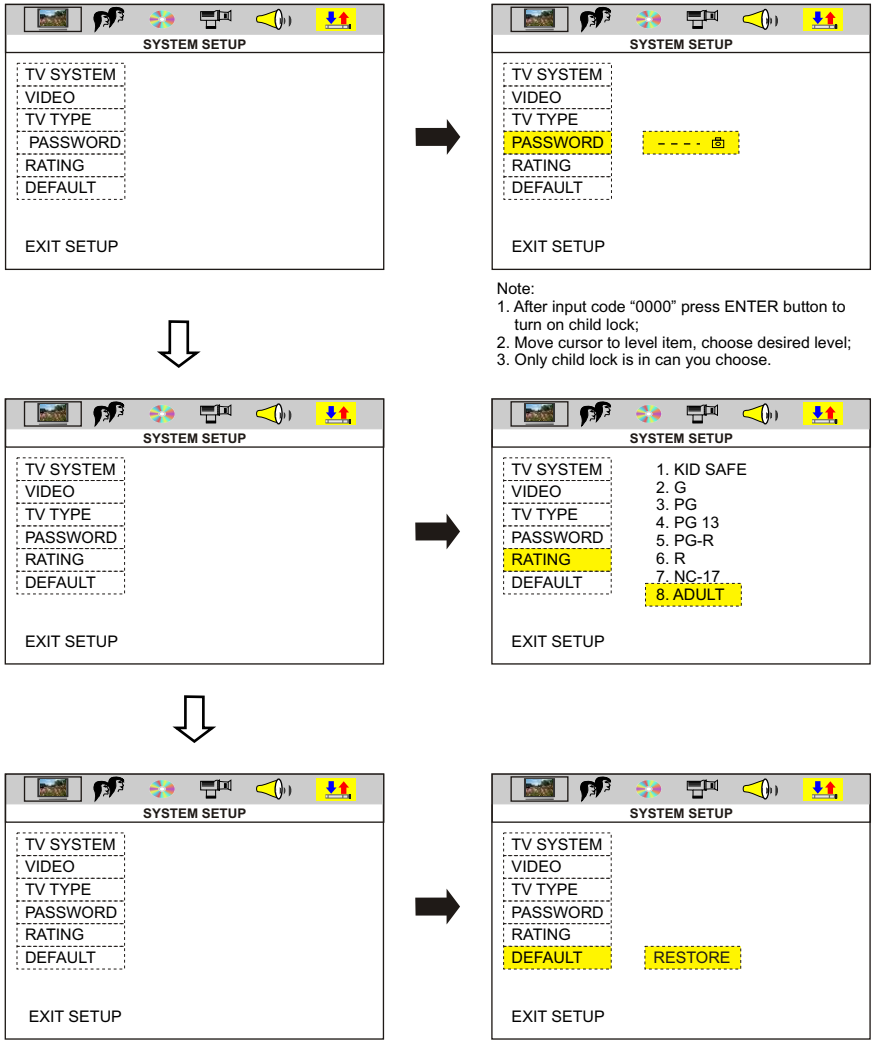
Note:
1. This function can only be worked by the remote control.
2. Image which is zoomed in can be moved by up/down/left/right cursor to move.
3. Image which is zoomed out cannot be moved.

LANGUAGE SETUP

1. Press ▲ or ▼ button

2. Press ▲/▼/◀/▶ button, then to enter.





Note:
1. After input code “0000” press ENTER button to turn on child lock;
2. Move cursor to level item, choose desired level;
3. Only child lock is in can you choose.

8. OSD
In playing mode, short press OSD on remote control to show all information of present disc.

9. Repeatedly Play
In play mode, press AMS/RPT button on remote control to start up follow repeat function.

Repeat (chapter) → Repeat (section) → Repeat (off)

10. Angle Switch
If the DVD disc is recorded with multi-angles, you can press the ANGLE button to switch the angle during playing.
The sequence is as follow:
ANGLE 1 → ANGLE 2 → ANGLE 3
Note:
1. It just can be worked by the remote control.
2. It is only for the DVD disc which has multi-angle.
3. If there is a sign on the cover of the DVD disc. The number in the sign means how many angles the disc has.
4. You can not switch the angle when slow playing.

11.Multi-Audio
There are different languages of dialogue and audio systems in DVD disc.
If the DVD disc is recorded with multi-audio, you can switch the language of dialogue and the audio systems when playing.
Press the AUDIO button repeatedly to change the language of dialogue.
Note
1. It just can be worked by the remote control.
2. It is only for the DVD disc which has multi-language.
3. If there is a sign on the cover of the DVD disc, means that it was recorded by multi-language/audio system.
4. In VCD mode, press the AUDIO button to select the L/R or STEREO track.

12.Multi-Subtitle
If the DVD disc is recorded with multi-subtitle, you can switch the languages of subtitle.
Press the sub-t button repeatedly to change the language.
Note:
1. It just can be worked by the remote control.
2. It only for the DVD disc which is recorded with multi-wubtitle.
3. If there is a sign on the cover of the DVD disc means theat it has several subtitle.

13. Title Select
In DVD mode, press TITLE button to back to the title menu. Display shows all the titles of the disc. You can select the chapter you want by the cursor, press play button to play the chapter.
Note: It just can be worked by the remote control.

14. MENU Select

In playing mode, press PBC button on remote control to back to the menu, display will show chapter and section in disc. Work with ▲ /▼ button on remote control or touch button on display to choose your desired song. Press ⏯ button / ENTER button to play.
Note: This function can only be worked by the remote control.
OPEN: Press OPEN button on panel to eject disc.

15. Program Play

In DVD mode, you can set the sequence of playing by the program function, the operation is as follow:

PROG			
TC	TC	TC	TC
1 [0 1]:[0 3]	5 _ _ : _ _	9 _ _ : _ _	13 _ _ : _ _
2 [0 1]:[0 6]	6 _ _ : _ _	10 _ _ : _ _	14 _ _ : _ _
3 _ _ : _ _	7 _ _ : _ _	11 _ _ : _ _	15 _ _ : _ _
4 _ _ : _ _	8 _ _ : _ _	12 _ _ : _ _	16 _ _ : _ _
	PLAY	DELETE	

When DVD is playing, press ST / PROG button, then display shows:
For example, program the first song, input 01, press ► button move the cursor to the second lattice, input desired song, for example, the third song. Program the second song, press ▼button, move the cursor to 2[__]__. input 01, press ►button move the cursor to the second lattice, input desired song, for example, the 6th song (press 6). Press ⏯ button to program play. Back to the normal mode, press the ST/PROG button, then press ⏯ button.
Note: This function can only be worked by the remote control.

16. Digital Album

Play the disc contains JPEG pictures, read the picture menu first.
1. Press ⏯ button on remote control, the pictures will be browsed automatically. (It also can be worked to press number 6 button on the unit.)
2. Press ENTER button on the remote control, it can be manual browsed by SEEK + and SEEK -.
3. ZOOM in picture function: During auto browsing, press pause button stop the screen, press ZOOM button to zoom in or zoom out the picture. During manual browsing, you can press ZOOM button to zoom in or zoom out picture directly.
4.Under zoom in picture, you can move the picture by ◄► .
Note: You can not move picture in normal mode and zoom out mode.

17. Setup

Press SETUP button, display will show the system setup menu and the submenu, select the item you want by ◄► , after selecting the proper item, press ▲/▼/◄ /► to press ENTER to confirm.
Note:
1. It just can be worked by the remote control.
2. Some function setting maybe different because of the different model or disc.
3. If the selected language is not recorded in the disc, then unit will show the appointed language,
4. About the “SETUP”, please read the follow.
Press “SETUP” on the remote control, it will appear the following touch menu:

SYSTEM SETUP

1. Press ▲or ▼ button

2. Press ▲/▼/◄/►button, then to enter.